

## URGE BEST EGGS FOR INCUBATING

Those From Vigorous Breeding Stock Necessary in Order to Get Strong Chicks.

### FREE RANGE OF IMPORTANCE

One Vigorous Male Will Take Care of From 8 to 12 Hens of General Purpose Class and 12 to 15 of Smaller Breeds.

(Prepared by the United States Department of Agriculture.)

Fertile eggs from vigorous stock are essential in good incubating. They are obtained in good stock properly mated and kept under the best possible conditions to secure health and vitality. Eggs from overfed, brooding stock do not usually produce many strong chicks.

If breeding birds are confined, they should be fed a varied supply of grains, most, and green feed. The green feed helps to keep fowls in good breeding condition, say poultry specialists of the United States Department of Agriculture. Free range is usually important in the production of hatchable eggs, as it is much easier to keep up the vitality of stock handled in this manner than in birds that are yarded.

From 8 to 12 females of the American or general-purpose class and 12 to 15 of the Mediterranean class can



The Right Kind Are Uniform Eggs.

be mated with one male, depending on his age and vitality and where the fowls are yarded, but this proportion may be increased where the birds have free range. Good ventilation in the house is a great help in keeping the stock in good breeding condition.

### Should Select Uniform Eggs.

Abnormal, small and poorly-shaped eggs are to be discarded. Do not set eggs which have thin or very porous appearing shells. Eggs should be set when fresh, if possible, and it is not advisable to use eggs for hatching which are over two weeks old, although stale ones frequently hatch. Selecting uniformly large eggs of the same color is one of the quickest ways to secure uniformity in the offspring and increase the size of the eggs. It will be to clean dirty eggs by rubbing lightly with a damp cloth, taking care not to rub off any more of the natural bloom of the egg than is necessary. Duck eggs usually require washing, which does not appear to injure their hatching qualities.

Eggs for hatching should be collected two or three times a day in freezing weather. In warm, chilling, frosty days allow to sit on eggs in the laying nests all day may hurt the hatching qualities of the eggs. For convenience in handling, eggs in large numbers, are generally kept in a cabinet or turning rack, in a room where the temperature is between 50 and 60 degrees F., if possible, although they will stand wider variation. It is not necessary to turn eggs kept only for a few days, but this should be done daily with those over a week old. Various commercial turning devices are sold by poultry supply companies, or the eggs may be kept in cabinet drawers and shuffled about with the hands by removing a few eggs from the trays. Commercial egg cases sometimes are used for holding the eggs for hatching.

Eggs from different varieties of the same class of poultry may be incubated together, but it is not advisable to mix eggs from the Mediterranean or egg breeds, such as Leghorns, Minorcas, with Plymouth Rocks or Orpingtons, as the eggs from the smaller breeds often hatch a little earlier than those from the larger breeds. Neither the hen nor the incubator will hatch strong chicks from weak germ or from eggs which have not received proper care.

### SUNFLOWER SEED GOOD FEED

For Growing Animals or Laying Hens Material Is Considered Superior to Grain.

Limited feeding tests with sunflower seed compared to grains show that it is of about equal value. From their composition sunflower seed should have about the same value as mixed corn and oats. The sunflower seed is higher in protein than corn or oats, but is also higher in crude fiber than corn or oats grains. For growing animals or laying hens probably the sunflower seed would be somewhat better than grain.

### WORK IN WEED ERADICATION

Farmers Find That Hapazard Methods Are Worse Than Useful in Killing Plants.

The farmers have found that haphazard work in weed eradication is worse than useless, the prime prerequisite being the ability to stick to the purpose. Desirable results are sure to follow.

### Best Rotations.

Rotations making use of a grass crop after grain, with a cultivated crop following the grass, continue to give best results.

### Benefits of Charcoal.

Pulverized charcoal mixed with soft foods aids digestion and is an excellent preventive of disease.

### Causes Poor Milk Yield.

The failure to supply cows with plenty of water is responsible for many a poor milk yield.

## MILK VALUABLE FOR FEEDING ALL STOCK

Rapid Increase in Acreage in the Past Few Years.

### Best and Surest Way to Improve Crop Is for Each Farmer to Select Seed and Give Plant Good, Clean Cultivation.

(Prepared by the United States Department of Agriculture.)

Milk has long since passed the experimental stage as a farm crop in the southwestern United States, according to Farmers' bulletin No. 1147, recently issued by the United States Department of Agriculture. This is shown by the rapid increase in its acreage and value in the past 10 years. From approximately 25,000 acres in 1910, valued at \$200,000, the crop had increased in 1918 to 1,205,000 acres, valued at \$21,300,000, nearly fifty-fold in acreage and more than one hundred-fold in value. The increase in acreage in the ten years from 1909 to 1918, inclusive, has been rapid and substantial, totaling about 1,000,000 acres, with an added value of \$19,400,000.

Milk has not yet reached its economic limits in either acreage or production. These, it is said, should be increased still further as the value and the adaptation of the crop are more generally understood. Many acres of land in the district where milk is adapted that are now used or devoted to other less profitable crops may be used to advantage by growing milk. The best and surest way to improve the crop is for each farmer to select his seed, prepare a good seedbed, and give the crop good, clean cultivation.

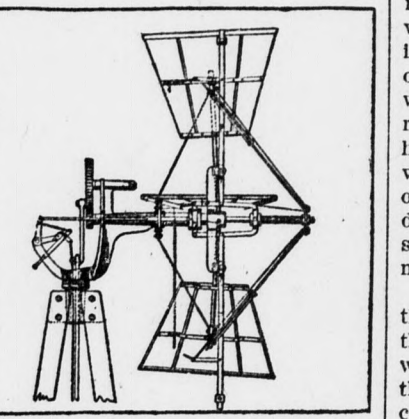
Milk is used for feeding all kinds of stock. It may be used either as a grain ration or a roughage ration for horses and cattle. The use of the crop for silage is increasing. The grain is also used as food for man, milk meal being sold to equal corn meal either for separator use or in combination with wheat flour.

### IMPROVEMENT OF WINDMILL

Means Provided for Constructing and Connecting Blades With Operating Mechanism.

The Scientific American in describing an improvement on a windmill, the invention of O. Olson of Ord, Neb., says:

An object of the invention is to provide means for constructing and



A View in Side Elevation With Certain Blades Removed for Clearness.

connecting the blades or vanes of a windmill with the operating mechanism. A further object is to provide means for preventing the windmill from becoming forced out of operation by a sudden blast of air. The windmill is mounted on a pivot, and the necessity of a regulating valve, and is entirely automatic in its action.

### IMPROVEMENT IN MARKETING

Important Fundamental Problem Is Education of Public—Changes Must Be Gradual.

One of the important fundamental problems confronting marketing agencies, according to the bureau of markets, United States Department of Agriculture, is the education of the public to a point where it will generally realize that the present marketing system is a product of evolution, that improvements must be made gradually by changes in method and procedure and by eliminating specific recognized evils. In this respect, the bureau of markets is endeavoring to set up instantly a perfectly efficient and automatically operated new marketing machine; or to cure all economic ills by legislation. The public must appreciate also, say the specialists, that marketing is quite as much a problem for the consumer as for the producer.

### HELPS BLUE GRASS PASTURE

Drilling in Mixture of Red Clover, Alsike and White Clover Seed Increases Yield.

In the case of rough blue grass pasture land which has always been in pasture and which should be plowed, it is possible to get a little more feed per acre by going on the land in late March or early April with a disk drill and drilling a mixture of red clover, alsike and white clover seed. In some cases it helps a great deal to go with a disk harrow and tear the pasture up thoroughly.

### INCREASED EGGS PRODUCTION

Keep Down Insect Pests, House Comfortable, Feed Well, and More Eggs Will Result.

Keep down insect pests, feed well, house comfortable and your chickens will lay more eggs. This is the simple way to increase egg production. It is also possible to get a little more feed per acre by going on the land in late March or early April with a disk drill and drilling a mixture of red clover, alsike and white clover seed. In some cases it helps a great deal to go with a disk harrow and tear the pasture up thoroughly.

### Advantage of Cowpeas.

Cowpeas making use of a grass crop after grain, with a cultivated crop following the grass, continue to give best results.

### Susceptible to Poisoning.

It should be borne in mind that hogs and chickens are very susceptible to poisoning by common salt.

### Good Green Manure Crop.

Sweet clover planted under the spring makes a good green manure crop on any farm.

## Demand Is for Stylish Frocks

There may be a buying strike, but there is no dressing strike, observes a New York fashion correspondent. The more one goes about in social circles the more is one impressed by the great number of beautiful frocks that are being worn. Everywhere is seen evidence of the fact that just now women's clothes are being selected with more discrimination, with a keener eye for the elements of style, than

### Rich Black Satin Evening Gown.



Rich Black Satin Evening Gown.

has been applied to their choice for some time past. Women are at last putting their minds on dress and are refusing to buy "just anything."

Can that be called a buying strike? Not at all. It portends only good for everybody concerned, and the only trying period is this one of transition from the old to the new. Experience has shown they were heavily blindfolded, following wild fashion dictates, to the day when they will buy their clothes as intelligently as they now buy their household furnishings.

One of the biggest designers and merchants in New York was interviewed the other day as he was leaving for Paris. He was asked the age-old question: "What will the women wear next season?" Then came his rather laconic answer, for this is hard for a dressmaker to admit: "The women of America are choosing their dress according to their own individualities. They will no longer consent to be governed by arbitrary style mandates," etc.

Styles may come and styles may go; the doctrine may be suggested and the one-piece dress may be threatened with oblivion, but it does look as though the women of today here are becoming wholly positive on the subject of dress and as though they are going to wear what they like. This being the case, then the dressing that one sees in smart places becomes more inspiring, as a general thing, than it was during former seasons. It is refreshing to see a woman quite correctly and at the same time really stylishly goved. An accomplishment of that sort is something artistic and worthy of notice in itself. And the whole idea makes fashion a more intelligently interesting game than ever it was before.

By virtue of his royal authority He has issued the command to the disciples. In order to prepare them to receive this command, He declared to them that all power in heaven and earth was given unto Him. This is most fundamental. Only as the disciples realize the Lord's power are they likely to follow with the message.

### Among Latest Creations.

Two French gowns displayed recently are among the latest creations by the designers of the moment, and accomplished of the French designers. Their big ideas seem to be to keep the waistline, long at least, so the cable reports are saying. In this draped model the waistline is elongated considerably and the whole effect of the gown is as elongated as it can be made. Sketched by an artist in Paris, the one shown is a white felt hat, turning up all the way round, is designed for wear with this combination of the hat and gown. The idea is to wear white sport shoes with white stockings, finely woven.

Another of these newer sport suits has a little box-like or bice-drawers foundation. This is embroidered all over its surface with black embroidery, forming an irregular pattern. Then it is banded with the gray around—at the single-breasted front along the lower edge—with a black patent leather band for the cuffs and white velvety skirt. And it can be, forming as effective as it is, the whole of the dress is a very sporty affair to which we have been addicted for so long a time.

### Combination of Satin and Lace.

A thin pin stripes of white. There is a rolled collar of white broadcloth, and the skirt is made of white broadcloth. A white felt hat, turning up all the way round, is designed for wear with this combination of the hat and gown. The idea is to wear white sport shoes with white stockings, finely woven.

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### Christ's Appreciativeness.

Christ's appreciativeness amounts almost to a rediscovery of mankind. "She has come forward to anoint my body to the burial," He said when Judas grumbled that the woman had wasted the precious ointment. The gospel mentions three other women who longed to anoint the Savior. They came to the sepulcher on the third morning to find His body gone. "Too late! Mary said, 'I will do it now.' Oh, the pity of putting off kind words and loving service until we can only go and wreath more blooms on the little hill in God's Acre!

### The Big Human Need.

A man's ability to say one thing and do another is not a man at all. If we do not take the God of the Bible, we inevitably proceed to make a God for ourselves. It is this which makes religion the only possible binder. Just as children in the home find their family unity in the fact of their common parentage, so the church finds its unity in the fact of their common religion. They are very popular. These hanging features in a great many cases hang to the waistline and even below. The ends of the culture are frequently tipped with gold or silver.

### Soft hats promise to be by far the most popular.

On many of the French models recently imported, there was much cherry and grape trimming in hanging effects.

### Unhesitating Advance Wins.

"It is not the spur at the start, but the continued, unhesitating, unshaking advance that wins the day."

### Owed All to Mother.

All that I am, or hope to be, I owe to my angel mother—Lincoln.

## SUNDAY SCHOOL LESSON

LESSON FOR MARCH 27 THE LIVING CHRIST.

LESSON TEXT—Matt. 23:23-26. GOLDEN TEXT—I am with you always, even unto the end of the world—Matt. 28:20.

REFERENCE MATERIAL—Matt. 27:46; Mark 15:34; Luke 23:46; John 19:30; Phil. 2:10-11.

PRIMARY TOPIC—The Easter Story. JUNIOR TOPIC—Our Ever-Present Friend.

INTERMEDIATE AND SENIOR TOPIC—Christ Our Living Leader. YOUNG PEOPLE AND ADULT TOPIC—Christ the Lord of Life.

I. The Empty Sepulcher (vv. 1-7). 1. The earthquake (vv. 1-4). This occurred when the glorious angel descended from heaven to roll the stone away from the tomb. This work of the angel was not to allow Jesus to escape, but to show that the tomb was empty. Christ needed not even the help of a guardian angel, for He was raised up by His own power as the seal upon His atoning work on the cross. The open tomb and the angel sitting before it, the picture of God's triumph over the devil, and the terror of the keepers is a sample of what all of Christ's enemies shall one day experience when He comes in glory to reign as King.

2. The angel's message to the women (vv. 5-7). The women who loved the Lord received good news from the empty tomb. The Lord will not long leave those who follow Him in love in suspense and dread. The empty tomb put an end to all doubts and fears. It was the resurrection. The Lord had risen and invited them to come and see the place where He lay. The reason He invites them to come is in that He desires them to make sure about the facts. The Lord made special effort to convince the disciples of His reality and resurrection. He remained with them for 40 days, giving them many infallible proofs. (3) "Go quickly" (v. 7). Having seen for themselves the reality of the resurrection, they were to go to tell the message. While it is important to be convinced of facts, one should not stay too long because of the danger of the resurrection. It is necessary before testimony. They were to go quickly to the disciples with the message, assured that the Lord was with them before they went. What care I what others think, for I'm so sure!"

"I knew you'd say that," said the girl, looking her head on one side and dancing around in a rather silly, excited way, as though to say: "I'm so smart, I'm so smart. What care I what others think, for I'm so sure!"

"At least this was what the girl felt sure she was thinking to herself."

"Why did you say you told us something when you've never met us before?" asked the boy.

"I said to myself," answered I-Told-You-So, "that boy or that girl would say my name is unusual, and you did, so."

"But you didn't tell us that," persisted the boy.

"I told it to myself, and now I can tell myself I'm right," said the young lady.

"Do you talk to yourself much like that?" asked the girl.

"Oh, yes," said the young lady. "And I know you'd ask why I was hiding. That's why I didn't say anything. I wanted to see if I couldn't say 'I told you so.' It's about as simple as though I had told you so when I told myself so."

"My, but you're fond of your name," said the boy, not wishing to argue.

"Won't you tell us what you do with yourself all the time?" asked the girl. She wanted to hear of her curious ways which Master Thoughtfulness had mentioned.

"Well," said I-Told-You-So, "when things don't go the way I've said they would, I hide. I keep perfectly quiet. I never come around and say that I was wrong. Deny me, no. I never do that."

"But just as soon as something turns out the way I said it would, I come around and say, 'I told you so.'"

"Oh, I have a very good time, always hiding when I've made a mistake, and always appearing when I haven't. That's the way I do."

"They don't like me much around here, and I really like myself better than anyone likes me. But I can't make no difference."

"I'm happy so long as I can say 'I told you so.' That is my joy in life."

"Strange," said the boy.

"Very curious," said the girl.

"Well, it doesn't seem curious to me," said the young lady. "I'm not beautiful, nor am I ugly. I'm neither one thing or another. I'm a good deal of a nuisance, but I don't like to change my ways."

Value of Individuality.

There is something in you that makes you a little different from everybody else, something that sets you apart, and differentiates you, and that something is one of your most valuable possessions. Be sure that in your ambition to be like some one you admire, you do not put imitation above self-development, and obscure that priceless treasure, your individuality. —Grief Companion.

### Ambiguity and Cleanness.

Some girls seem to pride themselves on their ability to say one thing and mean something else. They take satisfaction in the cleverness with which they can play with words. But a girl who is loved and trusted is she who says what she means, and means what she says.—Grief Companion.

### Toulouse and Toulon.

When does an ill-fitting pair of trousers remind you of two French priests? When they are too loose and too long.—Toulouse and Toulon.

### Nothing Doing.

"Are you familiar with Shakespeare?" he asked.

"I should say not!" she replied indignantly. "I never have been familiar with any young man in my life, and don't even know the person you speak of."

### Modern.

Mother (to eldest son, Harry, who you say grace?)"

Harry—Oh Lord, for what we are about to go to bed for, make us duly resigned!"

## Daddy's Evening Fairy Tale

"TOLD-YOU-SO."

The boy and the girl adventured wandered along. They had been told that they were going to meet a curious young lady named Told-You-So. They had also been told that if they wanted to be liked they'd better not try to copy her, for she wasn't well liked. She had a queer disposition.

Perhaps she is at home washing her hair," said the boy. He had always thought it was so absurd to make such a fuss over the washing of one's hair anyway.

"Perhaps," said the girl. "Still, we were told we would see her. It's strange we haven't already."

"I've been hiding," said a voice, and jumping down from the lowest branch of a tree they saw a young lady. She looked quite attractive, but as though she was very fond of herself. They could see that quite plainly by her manner.

"Who are you?" asked the boy, who was quite sure he knew her name.

"My name," said the young lady, "is Told-You-So."

"It's an unusual name," said the girl, for the young lady looked at her as though she should say something.

"I told you so," said the young lady of the same name.

"You didn't tell me anything of the kind," laughed the boy.

"And you didn't tell me anything of the sort," said the girl, smiling, for

she thought of the young lady's name, and she saw that the young lady certainly liked her own name to use it in conversation like that.

"Why were you hiding?" asked the girl.

"I knew you'd say that," said the girl, looking her head on one side and dancing around in a rather silly, excited way, as though to say: "I'm so smart, I'm so smart. What care I what others think, for I'm so sure!"

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## COMMERCIAL

Weekly Review of Trade and Market Reports.

BAITMORE—Wheat—No. 2 red winter, spot, \$1.73 1/2; No. 2 red, garlicky, spot, \$1.61 1/2; March, \$1.61 1/2; May, \$1.65 1/2.

Corn—Contract, spot, 80¢; March, 80¢; April, 81 1/4.

Oats—No. 2 white, 53¢; No. 3 white, 51¢.

Rye—No. 2 Western, export, spot, \$1.63 1/2; bag lots nearby rye, as to quality, \$1.50 to \$1.60.

Hay—Standard timothy, \$25 to \$26; No. 2 do, \$24 to \$25; No. 3 do, \$18 to \$19; No. 1 light clover mixed, \$22 to \$23; No. 2 do, \$18 to \$19; No. 1 clover mixed, \$20 to \$21; No. 2 do, \$16 to \$17; No. 3 do, \$15 to \$16; No. 4 do, \$14 to \$15; No. 5 do, \$13 to \$14; No. 6 do, \$12 to \$13; No. 7 do, \$11 to \$12; No. 8 do, \$